

POWERED BY **Dialog***made of record**0***PRODUCTION OF GRANULATED ENZYME****Publication Number:** 60-037983 (JP 60037983 A)**Published:** February 27, 1985**Inventors:**

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JAPIO Class:

- 14.5 (ORGANIC CHEMISTRY--- Microorganism Industry)
- 14.4 (ORGANIC CHEMISTRY--- Medicine)
- 14.6 (ORGANIC CHEMISTRY--- Liquid Fuel, Oils & Fats)

JAPIO Keywords:

- R017 (POWDERING TECHNIQUES)
- R018 (FLUIDIZED BEDS)

Abstract:

PURPOSE: To produce granulated enzyme having excellent disintegrability and solubility in water, extremely low dusting tendency in handling, and excellent fluidity, by granulating an enzyme in the presence of a core-forming substance.

CONSTITUTION: A water-soluble or dispersible substance to form a core of 0.1-2mm diameter, e.g. glucose, dextrin, sodium chloride, zeolite, etc. is gyrated in a granulator in fluidized state. A liquid containing an enzyme and further a binder and optionally a stabilizer is sprayed in the form of minute droplets to the gyrating substance, and if necessary, other granulation additive is scattered to the surface

of the core to obtain spherical granules. The granules are if necessary dried, and are coated with a solution containing a surface-coating substance in a granulator in fluidized and/or gyrated state. (From: *Patent Abstracts of Japan*, Section: C, Section No. 290, Vol. 09, No. 166, Pg. 52, July 11, 1985)

JAPIO

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